



03-07-06

1fw

Express Mail No. EV 686 022 744 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Schadt et al.

Confirmation No.: 6414

Serial No.: 10/523,143, national stage filing of
PCT/US03/23976

Group Art Unit: 1631

Filed: August 1, 2003

Examiner: To be assigned

For: COMPUTER SYSTEMS AND
METHODS THAT USE CLINICAL AND
EXPRESSION QUANTITATIVE TRAIT
LOCI TO ASSOCIATE GENES WITH
TRAITS

Attorney Docket No.: 9301-211-999
(301891-999203)

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56 and 1.97**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 and § 1.97 to inform the United States Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicants hereby invite the Examiner's attention to references A01-C116 listed on the attached form entitled List of References Cited by Applicant. References B01-B12, C01-C116 are enclosed.

While not to be construed as indicating that the Examiner should not fully consider all the listed references, the Examiner's attention is particularly directed to the following references:

- A14 Schadt et al., U.S. Patent Publication No. 2003-0224394 A1
- A15 Schadt et al., U.S. Patent Application No. 10/558,928
- A16 Schadt et al., U.S. Patent Application No. 10/540,405
- A17 Schadt et al., U.S. Patent Application No. 10/515,804
- B01 WO 2005017652
- B02 WO 2004 109447
- B03 WO 2004 061616

- B04 PCT/US04/16917 - International Search Report
- B05 WO 2004/013727
- B06 PCT/US03/41613 - International Search Report
- B07 WO 2003/100557
- B08 WO 2003/065282
- B09 PCT/US03/023976 - International Search Report
- B10 PCT/US03/15768 - International Search Report
- B11 PCT/US03/03100 - International Search Report
- B12 WP 1999/13107
- C13 Brem et al., 2002, "Genetic Dissection of Transcriptional Regulation in Budding Yeast," Science 296:752-755
- C22 Doerge, 2002, "Mapping and analysis of quantitative trait loci in experimental populations," Nature Reviews 3:43-52
- C55 Jansen et al., 2001, "Genetical genomics: the added value from segregation," TRENDS in Genetics 17:388-391
- C58 Jiang et al., 1995, "Multiple trait analysis of genetic mapping for quantitative trait loci," Genetics 140:1111-1127
- C69 Lander et al., 1994, "Genetic dissection of complex traits," Science 265:2037-2048
- C70 Lander, 1996, "The new genomics: Global views of biology," Science 274:536-539
- C84 Olson et al., 1999, "Tutorial in biostatistics genetic mapping of complex traits," Statistics in Medicine 18:2961-2981
- C93 Schadt et al., 2003, "Genetics of gene expression surveyed in maize, mouse and man," Nature 422:297-302
- C94 Schadt et al., 2003, "A new paradigm for drug discovery: integrating clinical genetic, genomic and molecular phenotype data to identify drug targets," Biochemical Society 31:437-443
- C115 Zeng, 1993, "Theoretical basis for separation of multiple linked gene effects in mapping quantitative trait loci," Proc. Natl. Acad. Sci. USA 90:10972-10976
- C116 Zeng, 1994, "Precision mapping of quantitative trait loci," Genetics 136:1457-1468

Identification of the listed references is not to be construed an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject

Serial No.: 10/523,143

application.

Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

Pursuant to 37 C.F.R. § 1.97(b)(3), since this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits, it is estimated that no fee is required. However, should the Patent Office determine otherwise, please charge the required fee to Jones Day Deposit Account No. 50-3013. A copy of this sheet is enclosed

Date:

March 6, 2006

Respectfully submitted,

Brett Jorgensen Reg. No. 42,813
for 32,605

(Reg. No.)

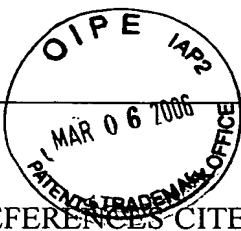
Adriane M. Antler

JONES DAY

222 East 41st Street

New York, New York 10017-6702

Phone: (212) 326-3939



LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO.
9301-211-999

APPLICATION NO.
10/523,143

APPLICANT
Schadt et al.

FILING DATE
August 1, 2003

GROUP
1631

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
	A01	6,368,806	04/09/2002	Openshaw et al.	
	A02	6,324,479	11/27/2001	Friend et al.	
	A03	6,271,002	08/07/2001	Linsley et al.	
	A04	6,218,122	04/17/2001	Friend et al.	
	A05	6,165,709	12/26/2000	Friend et al.	
	A06	6,132,997	10/17/2000	Shannon	
	A07	6,132,969	10/17/2000	Stoughton et al.	
	A08	5,965,352	10/12/1900	Stoughton et al.	
	A09	5,569,588	10/29/1996	Ashby et al.	
	A10	5,578,832	11/26/1996	Trulson et al.	
	A11	5,510,270	04/23/1996	Fodor et al.	
	A12	5,324,631	06/28/1994	Helentjaris et al.	
	A13	5,075,217	12/24/1991	Weber	
	A14	US 2003 0224394 A1	12/04/2003	Schadt et al.	
	A15	10/558,928	11/30/2005	Schadt et al.	
	A16	10/540,405	12/24/2003	Schadt et al.	
	A17	10/515,804	11/30/2005	Schadt et al.	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR	T
	B01	WO 2005/017652	02/24/2005	WIPO		
	B02	WO 2004/109447	12/16/2004	WIPO		
	B03	WO 2004/061616	07/22/2004	WIPO		
	B04	PCT/US04/16917	05/28/2004	International Search Report		
	B05	WO 2004/013727	02/12/2004	WIPO		
	B06	PCT/US03/41613	12/24/2003	International Search Report		
	B07	WO 2003/100557	12/04/2003	WIPO		
	B08	WO 2003/065282	08/07/2003	WIPO		
	B09	PCT/US03/23976	08/01/2003	International Search Report		
	B10	PCT/US03/15768	05/20/2003	International Search Report		
	B11	PCT/US03/03100	02/03/2003	International Search Report		
	B12	WO 199913107	03/18/1999	WIPO		

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.
	9301-211-999	10/523,143
	APPLICANT	
	Schadt et al.	
	FILING DATE	GROUP
	August 1, 2003	1631

NON PATENT LITERATURE DOCUMENTS

Examiner Initials		(Include name of the author (in CAPITAL LETTERS), Title, Date, Pertinent Pages, Etc.)	T
	C01	Aitman et al., 1999, "Identification of Cd36 (Fat) as an insulin-resistance gene causing defective fatty acid and glucose metabolism in hypertensive rats," Nature Genetics 21: 76-83.	
	C02	Akagi et al., 1996, "Microsatellite DNA markers for rice chromosomes," Theor. Appl. Genet. 93:1071-1077	
	C03	Allison et al., 1998, "Multiple phenotype modeling in gene-mapping studies of quantitative traits: power advantages," Am. J. Hum. Genet. 63:1190-1201	
	C04	Amos et al., 1990, "A multivariate method for detecting genetic linkage, with application to a pedigree with an adverse lipoprotein phenotype," Am. J. Hum. Genet. 47:247-254	
	C05	Barbosa et al., 1976, "The genetic heterogeneity of diabetes : histocompatibility antigens (HLA) in families with maturity-onset type diabetes of the young (MODY) and juvenile, insulin-dependent diabetes (JID) [proceedings]," Diabete. Metab. 2:160	
	C06	Blanchard et al., 1996, "Sequence to array: Probing the genome's secrets," Nature Biotechnology 14:1649	
	C07	Blanchard et al., 1996, "High-density oligonucleotide arrays," Biosensors & Bioelectronics 11: 687-690	
	C08	Bligh et al., 1995, "A microsatellite sequence closely linked to the Waxy gene of <i>Oryza sativa</i> ," Euphytica 86:83-85	
	C09	Bochner et al., 2001, "Phenotype microarrays for high-throughput phenotypic testing and assay of gene function," Genome Res. 11:1246-1255	
	C10	Börjeson, 1976, "The aetiology of obesity in children," Acta. Paediatr. Scand. 65:279-287	
	C11	Bray, 1989, "1989 McCollum Award Lecture. Genetic and hypothalamic mechanisms for obesity-finding the needle in the haystack," Am. J. Clin. Nutr. 50:891-902	
	C12	Bray, 1992, "Genetic, hypothalamic and endocrine features of clinical and experimental obesity," Progress in Brain Research 93:333-341	
	C13	Brem et al., 2002, "Genetic Dissection of Transcriptional Regulation in Budding Yeast," Science 296:752-755	
	C14	Brown et al., 2000, "Knowledge-based analysis of microarray gene expression data by using support vector machines," Proc. Natl. Acad. Sci. USA 97:262-267	
	C15	Cheung et al., 2002, "The genetics of variation in gene expression," Nature Genetics Supplement 32: 522-525	
	C16	Cheung et al., 2003, "Natural variation in human gene expression assessed in lymphoblastoid cells," Nature Genetics 33: 422-425	
	C17	Chirgwin et al., 1979, "Isolation of biologically active ribonucleic acid from sources enriched in ribonuclease," Biochemistry 18:5294-5299	
	C18	Cohen et al., 2000, "A computational analysis of whole-genome expression data reveals chromosomal domains of gene expression," Nature Genetics 26:183-186	
	C19	Corder et al., 1993, "Gene dose of apolipoprotein E type 4 allele and the risk of Alzheimer's disease in late onset families," Science 261:921-923	
	C20	Cox et al., 1999, "Loci on chromosomes 2 (NIDDM1) and 15 interact to increase susceptibility to diabetes in Mexican Americans," Nature Genetics 21:213-215	
	C21	DeRisi et al., 1996, "Use of a cDNA microarray to analyse gene expression patterns in human cancer," Nature Genetics 14:457-460	
	C22	Doerge, 2002, "Mapping and analysis of quantitative trait loci in experimental populations," Nature Reviews 3:43-52	
	C23	Draghici, 2003, "Data Analysis Tools for DNA Microarrays," Chapman & Hall, p. 1-478	
	C24	Duda et al., 2001, Pattern Classification, John Wiley & Sons, New York, NY, p. 521-530	
	C25	Duda et al., 2001, Pattern Classification, John Wiley & Sons, New York, NY, p. 550-557	
	C26	Easton et al., 1993, "Inherited susceptibility to breast cancer," Cancer Surv. 18:95-113	
	C27	Eaves et al., 2002, "Combining Mouse Congenic Strains and Microarray Gene Expression Analyses to Study a Complex Trait: The NOD Model of Type 1 Diabetes," Genome Research 12: 232-243.	
	C28	Egholm et al., 1993, "PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules," Nature 365:566-568	
	C29	Elowitz et al., 2002, "Stochastic Gene Expression in a Single Cell," Science 297:1183-1186	

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.
	9301-211-999	10/523,143
	APPLICANT	Schadt et al.
	FILING DATE	GROUP
	August 1, 2003	1631

	C30	Falk et al., 1987, "Haplotype relative risks: an easy reliable way to construct a proper control sample for risk calculations," Ann. Hum. Genet. 51 (Pt 3):227-233	
	C31	Ferguson et al., 1996, "A fiber-optic DNA biosensor microarray for the analysis of gene expression," Nature Biotechnology 14:1681-1684	
	C32	Fiehn et al., 2000, "Metabolite profiling for plant functional genomics," Nature Biotech. 18:1157-1161.	
	C33	Fishel et al., 1993, "The human mutator gene homolog MSH2 and its association with hereditary nonpolyposis colon cancer," Cell 75:1027-1038	
	C34	Fodor et al., 1991, "Light-directed, spatially addressable parallel chemical synthesis," Science 251:767-773	
	C35	Ford et al., 1994, "Risks of cancer in BRCA1-mutation carriers. Breast Cancer Linkage Consortium," Lancet 343:692-695	
	C36	Friedman et al., 1991, "Molecular mapping of obesity genes," Mammalian Genome 1:130-144	
	C37	Friedman et al., 1992, "Tackling a weighty problem," Cell 69:217-220	
	C38	Froehler et al., 1986, "Synthesis of DNA via deoxynucleoside H-phosphonate intermediates," Nucleic Acids Research 14:5399-5407	
	C39	Fulker et al., 1999, "Combined Linkage and Association Sib-Pair Analysis for Quantitative Traits," Am. J. Hum. Genet. 64:259-267	
	C40	Fullerton et al., 2000, "Apolipoprotein E variation at the sequence haplotype level: implications for the origin and maintenance of a major human polymorphism," Am. J. Hum. Genet. 67:881-900	
	C41	Gaasterland et al., 2000, "Making the most of microarray data," Nature Genetics 24:204-206	
	C42	Goffeau et al., 1996, "Life with 6000 genes," Science 274:546-567	
	C43	Grunau et al., 2001, "MethDB-a public database for DNA methylation data," Nucleic Acids Research, 29: 270-274	
	C44	Grundy et al., 1990, "Metabolic and health complications of obesity," Dis. Mon. 36:641-731	
	C45	Haley et al., 1992, "A simple regression method for mapping quantitative trait loci in line crosses using flanking markers," The Genetical Society of Great Britain 69:315-324	
	C46	Hayashi et al., 1994, "Detection of additive and dominance effects of QTLs in interval mapping of F2 RFLP data," Theor. Appl. Genet. 87:1021-1027	
	C47	Helentjaris et al., 1985, "Restriction fragment polymorphisms as probes for plant diversity and their development as tools for applied plant breeding," Plant Molecular Biology 5:109-118	
	C48	Helm et al., 1991, "Classification and identification of bacteria by Fourier-transform infrared spectroscopy," Journal of General Microbiology 137: 69-79	
	C49	Hu et al., 1991, "Identification of broccoli and cauliflower cultivars with RPD markers," Plant Cell Reports 10:505-511	
	C50	Hughes et al., 2000, "Functional Discovery via a Compendium of Expression Profiles," Cell 102:109-126	
	C51	International Human Genome Consortium, 2001, "Initial sequencing and analysis of the human genome," Nature 409:860-921	
	C52	James et al., 1998, "Non-alcoholic steatohepatitis (NASH): a disease of emerging identity and importance," Journal of Hepatology 29: 495-501	
	C53	Jansen, 1993, "Interval mapping of multiple quantitative trait loci," Genetics 135:205-211	
	C54	Jansen, 1994, "Controlling the type I and type II errors in mapping quantitative trait loci," Genetics 138:871-881	
	C55	Jansen et al., 2001, "Genetical genomics: the added value from segregation," TRENDS in Genetics 17:388-391	
	C56	Jarvis et al., 1973, "Clustering using a similarity measure based on shared near neighbors," IEEE Transactions on computers C-22:1025-1034	
	C57	Jaspers et al., 1982, "Genetic heterogeneity in ataxia-telangiectasia studied by cell fusion," Proc. Natl. Acad. 79: 2641-2644	
	C58	Jiang et al., 1995, "Multiple trait analysis of genetic mapping for quantitative trait loci," Genetics 140:1111-1127	
	C59	Jin et al., 2001, "The contributions of sex, genotype and age to transcriptional variance in <i>Drosophila melanogaster</i> ," Nature Genetics 29: 389-395	
	C60	Kajiwarra et al., 1994, "Digenic Retinitis Pigmentosa Due to Mutations at the Unlinked Peripherin/RDS and ROM1 Loci," Science 264: 1604-1608	
	C61	Karp et al., 2000, "Identification of complement factor 5 as a susceptibility locus for experimental allergic asthma," Nature Immunology, Vol. 1, No. 3: 221-226.	

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.
	9301-211-999	10/523,143
	APPLICANT	Schadt et al.
	FILING DATE	GROUP
	August 1, 2003	1631

C62	Kearsey et al., 1994, "QTL analysis: a simple 'marker-regression' approach," Theor. Appl. Genet. 89:698-702	
C63	Knapp et al., 1993, "The haplotype-relative-risk (HRR) method for analysis of association in nuclear families," Am. J. Hum. Genet. 52:1085-1093	
C64	Knoll et al., 1993, "Cytogeneitic and Molecular Studies in the Prader-Willi and Angelman Syndromes: An Overview," Amer. Journal of Medical Genetics 46: 2-6	
C65	Kruglyak et al., 1996, "Parametric and nonparametric linkage analysis: a unified multipoint approach," Am. J. Hum. Genet. 58:1347-1363	
C66	Kruglyak et al., 2001, "Variation is the spice of life," Nature Genetics 27:234-236	
C67	Lance et al., 1967, "A general theory of classificatory sorting strategies," Computer Journal 9:373-380	
C68	Lander et al., 1989, "Mapping Mendelian factors underlying quantitative traits using RFLP linkage maps," Genetics 121:185-199	
C69	Lander et al., 1994, "Genetic dissection of complex traits," Science 265:2037-2048	
C70	Lander, 1996, "The new genomics: Global views of biology," Science 274:536-539	
C71	Levsky et al., 2002, "Single-Cell gene expression profiling," Science 297:836-840	
C72	Lockhart et al., 1996, "Expression monitoring by hybridization to high-density oligonucleotide arrays," Nature Biotechnology 14:1675-1680	
C73	Lynch et al., 1998, "Genetics and Analysis of Quantitative Traits," Sinauer Associates, Inc.: 3-867	
C74	Machleder et al., 1997, "Complex Genetic Control of HDL Levels in Mice in Response to an Atherogenic Diet," J. Clin. Invest. 99:1406-1419	
C75	Manley et al., 1999, "Overview of QTL mapping software and introduction to Map Manager QT," Mammalian Genome 10:327-334	
C76	Martinez et al., 1994, "Missing markets when estimating quantitative trait loci using regression mapping," The Genetical Society of Great Britain 73:198-206	
C77	Maskos et al., 1992, "Oligonucleotide hybridisations on glass supports: a novel linker for oligonucleotide synthesis and hybridisation properties of oligonucleotides synthesised in situ," Nucleic Acids Research 20: 1679-1684	
C78	McBride et al., 1983, "An Investigation of Several Deoxynucleoside Phosphoramidites Useful for Sythesizing Deoxyoligonucleotides," Tetrahedron Letters 24: 245-248	
C79	Moll et al., 1991, "The Genetic and Environmental Sources of Body Mass Index Variability: Te Muscatine Ponderosity Family Study," Am. J. Hum. Genet. 49: 1243-1255	
C80	Mount, 2001, "Genome Analysis," Bioninformatics Sequence and Genome Analysis Chapter 10, p. 479-531	
C81	Naumann et al., 1991, "Microbiological characterizations by FT-IR spectroscopy," Nature 351: 81-82	
C82	Nguyen et al., 1995, "Differential gene expression in the murine thymus assayed by quantitative hybridization of arrayed cDNA clones," Genomics 29:207-216	
C83	Nishina et al., 1994, "Atherosclerosis in genetically obese mice: the mutants obese, diabetes, fat, tubby, and lethal yellow," Metabolism 43:554-558	
C84	Olson et al., 1999, "Tutorial in biostatistics genetic mapping of complex traits," Statistics in Medicine 18:2961-2981	
C85	Patil et al., 2001, "Blocks of limited haplotype diversity revealed by high-resolution scanning of human chromosome 21," Science 294:1719-1723	
C86	Pease et al., 1994, "Light-generated oligonucleotide arrays for rapid DNA sequence analysis," Proc. Natl. Acad. Sci. 91: 5022-5026	
C87	Pericak-Vance et al., 1991, "Linkae Studies in Familial Alzheimer Disease: Evidence for Chromosome 19 Linkage," Am. J. Hum. Genet. 48: 1034-1050	
C88	Prashar et al., 1996, "Analysis of differential gene expression by display of 3' end restriction fragments of cDNAs," Proc. Natl. Acad. Sci. USA 93:659-663	
C89	Reeders et al., 1987, "A study of genetic linkage heterogeneity in adult polycystic kidney disease," Hum. Genet. 76:348-351	
C90	Roberts et al., 2000, "Signaling and Circuitry of Multiple MAPK Pathways Revealed by a Matrix of Global Gene Expression Profiles," Science 287: 873-880	
C91	Sagliocco et al., 1996, "Identification of Proteins of the Yeast Protein Map using Genetically Manipulated Strains and Peptide-Mass Fingerprinting," Yeast 12: 1519-1533	
C92	Sandberg et al., 2000, "Regional and strain-specific gene expression mapping in the adult mouse brain," PNAS 97: 11038-11043	
C93	Schadt et al., 2003, "Genetics of gene expression surveyed in maize, mouse and man," Nature 422:297-302	

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 9301-211-999	APPLICATION NO. 10/523,143
	APPLICANT Schadt et al.	
	FILING DATE August 1, 2003	GROUP 1631

C94	Schadt et al., 2003, "A new paradigm for drug discovery: integrating clinical genetic, genomic and molecular phenotype data to identify drug targets," Biochemical Society 31:437-443	
C95	Schena et al., 1996, "Parallel human genome analysis; microarray-based expression of 1000 genes," Proc. Natl. Acad. Sci. USA 93:10614-10619	
C96	Schena et al., 1995, "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," Science 270: 467-470	
C97	Shalon et al., 1996, "A DNA microarray system for analyzing complex DNA samples using two-color fluorescent probe hybridization," Genome Research 6:639-645	
C98	Shevchenko et al., 1996, "Linking genome and proteome by mass spectrometry: Large-scale identification of yeast proteins from two dimensional gels," Proc. Natl. Acad. Sci. 93: 14440-14445	
C99	Spielman et al., 1989, "Genetic Analysis of IDDM: Summary of GAW5 IDDM Results," Genetic Analysis of complex Traits, Part I: 43-58	
C100	Steinmetz et al., 2002, "Dissecting the architecture of a quantitative trait locus in yeast," Nature 416: 326-330	
C101	St. George-Hyslop et al., 1990, "Genetic linkage studies suggest that Alzheimer's disease is not a single homogeneous disorder. FAD Collaborative Study Group," Nature 347:194-197	
C102	Struss et al., 1998, "The use of microsatellite markers for detection of genetic diversity in barley populations," Theor. Appl. Genet. 97:308-315	
C103	Stover, et al., 2001, "Characterization of Gene Expression Profiles In Peripheral Blood Mononuclear Cells and Bone Marrow of Normal Human Volunteers," FASEB Journal, 15: A696	
C104	Stunkard et al., 1990, "The Body-Mass Index of Twins Who Have Been Reared Apart," New England Journal of Medicine 322: 1483-1487	
C105	Tamayo et al., 1999, "Interpreting patterns of gene expression with self-organizing maps: Methods and application to hematopoietic differentiation," Proc. Natl. Acad. Sci. USA 96:2907-2912	
C106	Terwilliger et al., 1992, "A haplotype-based 'haplotype relative risk' approach to detecting allelic associations," Hum. Hered. 42:337-346	
C107	Twine et al., 2003, "Disease-associated Expression Profiles in Peripheral Blood Mononuclear Cells from Patients with Advanced Renal Cell Carcinoma," Cancer Research 63: 6069-6075	
C108	Velculescu et al., 1995, "Serial Analysis of Gene Expression," Science 270: 484-487	
C109	Venter et al., 2001, "The Sequence of the Human Genome," Science 291: 1304-1351	
C110	Weisblum et al., 1972, "Genetic Heterogeneity of Xeroderma Pigmentosum demonstrated by Somatic Cell Hybridization," Nature New Biology 238: 80-83	
C111	Welsh et al., 1990, "Fingerprinting genomes using PCR with arbitrary primers," Nucleic Acids Research 18: 7213-7218	
C112	Williams et al., 1999, "Joint multipoint linkage analysis of multivariate qualitative and quantitative traits," Am. J. Hum. Genet. 6:1134-1147	
C113	Wu et al., 1993, "Abundance, polymorphism and genetic mapping of microsatellites in rice," Mol. Gen. Genet. 241:225-235	
C114	Younossi et al., 2002, "Perspectives in Clinical Hepatology: Nonalcoholic Fatty Liver Disease: An Agenda for Clinical Research," Hepatology: 746-752	
C115	Zeng, 1993, "Theoretical basis for separation of multiple linked gene effects in mapping quantitative trait loci," Proc. Natl. Acad. Sci. USA 90:10972-10976	
C116	Zeng, 1994, "Precision mapping of quantitative trait loci," Genetics 136:1457-1468	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	